

新刊紹介

土木學會誌 第六卷第六號 大正九年十二月

- Bordeaux, M. L.**—La question du Rhône. Un volume in-8° de 300 P., avec figures. Payot, éditeur, Paris. Prix: 15 francs.
- Danb, H.**—Hochbaukunde. I. Band: Baustoff, Träger, Stützen, Mauern, Decken. Mit 1514 Abbildungen im Text. II. Band: Dächern, Stiegen, Türen, Fenster, Vorbauten, Abfuhr der Abfallstoffe, Innerer Ausbau, Fundamente, Pufführung. Mit 985 Abbildungen im Text. Dritte Auflage. Franz Deuticke, Leipzig und Wien. 1920. Preis des Bandes geh. 30 M.
- Dévédfg, P.**—Application de la resistance des matériaux au calcul des ouvrages en béton armé. Un volume 16×25 de XVI-372 P., avec 201 figures. Dunod, Paris. Prix 40 francs.
- Kuball, H.**—Zweigelckenrahmen aus Eisenbeton mit Berücksichtigung des veränderlichen Tragheitsmoments. Mit 72 Textabbildungen und vier graphischen Tafeln. W. Ernst & Sohn, Berlin. 1920. Preis geh. 20 M.
- Kersten, C.**—Der Eisenbetonbau. Teil I. Ausführung und Berechnung der Grundformen. Mit 310 Textabbildungen, 24 Zahlentafeln und 23 Zahlenbeispielen. Elfte, neubearbeitete Auflage. Wilhelm Ernst & Sohn, Berlin. 1920. Preis geh. 20 M.
- Kersten, C.**—Der Eisenhochbau. Ein Leitfaden für Schule und Praxis. Mit 500 Textabbildungen. Zweite, neubearbeitete Auflage. Wilhelm Ernst & Sohn, Berlin. 1920. Preis geh. 24., geb. 28 M.
- Legrand, L.**—Cours de mécanique rationnelle, avec de nombreuses applications à l'usage des ingénieurs. Un volume relié in-8° raisin de 618 P., et 364 figures dans le texte. Ch. Beranger, éditeur, Paris et Liège. Prix: 48 francs.
- Lines, A.**—Notes on cast-iron sleepers. 8×13, 15 P., illustrated.
- Martin, R.**—Traction électrique. Un volume, grand in-8° de 780 P., avec 585 figures et 57 planches. Librairie de l'Enseignement technique, 3 bis, rue Thénard, Paris (5^e). Prix: 60 francs.
- McCausland, E. J.**—Water supply and sewage disposal for country homes. 6×9, 36 P., illustrated, paper.
- Moore, H. F.**—Text book of material of engineering. 6×9, 315 P., illustrated, cloth. McGraw-Hill Book Company, New York.
- Powell, A. L. and Harrington, R. E.**—The lighting of piers and warehouses. 6×8, 16 P., illustrated, paper.
- Ramser, C. E.**—The flow of water in dredged drainage ditches: The results of experiments to determine the roughness coefficient, n , in Kutter's formula. 6×9, 60 P., illustrated, paper. U. S. Department of Agriculture. 30 c. from superintendent of documents.
- Rose, W. N.**—Mathematics for engineers. Part II. 6×9, 419 P., illustrated, cloth. E. P. Dutton & Co., New York. Price: \$7.00.
- Simon, F. L.**—Dredging engineering. 6×9, 182 P., illustrated, cloth. McGraw-Hill Book Co., New York. Price: \$2.50.
- Yarnell, D. L.**—The flow of water in drain tile. 6×9, 49 P., illustrated, paper. United States Department of Agriculture. 25 c. from superintendent of documents.
- An improved form of weir for gaging in open channels.** 7×10, 26 P., illustrated, paper. Reprinted from Mechanical Engineering, the journal of the American Society of Mechanical Engineers, Feb., 1920. The Engineering Foundation Engineering Societies Building.
- Geodetic survey of Canada:** Report of superintendent for the fiscal year ending March 31, 1919. 7×10, 77 P., illustrated, cloth. Geodetic Survey of Canada, Ottawa, Can.
- Gravity and pressure tanks and supports.** Concrete reservoirs and valve pits. National Fire protection Association, Boston, Mass. 3×5. 96 P., illustrated, paper.

Highway green book, 1920.—Washington, D. C.: American Automobile Association. 6×9, 525 P., illustrated, cloth. Price: \$3.00.

Sewage experimental investigations at West New Brighton, Staten Island, N. Y.: Report by Warren R. Borst. Staten Island, N. Y.: Hon. Calvin D. Van Name, President of the Borough of Richmond. 7×10, 131 P., illustrated, paper.

内外諸雜誌主要題目

工 學

- 第七卷 第七號 大正九年七月十日. 1. 營養學の革命と地下水. 遠山椿吉. 八頁. 2. 下水管の雨水流下量に就て. 坂田時和. 十八頁. 3. 街路の清淨法及除雪法. 五頁. 4. プリスモイダル公式の性質に就て. 平山復二郎. 四頁.
- 第七卷 第八號 大正九年八月十日. 1. 道路. 坂田時和. 十三頁. 2. 米國都市街路の現状. 五頁. 3. 東京府下澁谷町水道實施設計. 仲田聰次郎. 十頁.
- 第七卷 第九號 大正九年九月十日. 1. 都市計畫事業の財源に就て. 花井又太郎. 十三頁. 2. 堰堤に就て. 坂田時和. 十一頁. 3. 東京市村山貯水池下堰堤心混凝土壁工事に就て. 根岸耕司. 六頁.
- 第七卷 第十號 大正九年十月十日. 1. 堰堤築造による河の水位の變化に就て. (一). 六頁. 2. 歐羅巴都市街路の近況. 六頁. 3. 鐵道橋の示方書に就て. 坂田時和. 八頁. 4. アスファルトセメントの性質に就て. 程島五郎. 七頁.
- 第七卷 第十一號 大正九年十一月十日. 1. 鐵筋混凝土段の計算法. 宮本武之輔. 五頁. 2. 堰堤築造による河の水位の變化に就て. (二). 十頁. 3. 線路工夫と軌道用具配給數. 景山賢. 三頁. 4. 鐵道橋の示方書に就て. (二). 坂田時和. 六頁. 5. 今治築港工事概要. 村瀬孝太郎. 三頁.

工 學 會 誌

- 第四百四十一卷 大正九年九月二十日 1. 鐵及鋼の研究. 本多光太郎. 三十頁及寫眞. 2. 洪水期に於ける東京附近の電力調節に就て. 澁澤元治. 七頁.
- 第四百四十二卷 大正九年十月二十八日. 1. 工業労働者教育の急務. 西田博太郎. 四頁.

工 業 雜 誌

- 第五十三卷 第六百八十二號 大正九年八月二十日. 1. 軸方向と積方向との力を受くる均一強さの長短. 生源寺順. 七頁.
- 第五十三卷 第六百八十四號 大正九年九月二十日. 1. 風速計算器. 梶原豊太郎. 四頁.
- 第五十三卷 第六百八十五號 大正九年十月五日. 1. 公共事業の買收價格に就て. 長崎敏音. 三頁. 2. ベンチユリメーター及分流量水器に就て. 百溪藤郎太. 五頁.
- 第五十三卷 第六百八十六號 大正九年十月二十日. 1. ベンチユリメーター及分流量水器に就て. 百溪藤郎太. 四頁.
- 第五十三卷 第六百八十七號 大正九年十一月五日. 1. 製鐵事業の將來と其保護問題. 五頁.

Bulletin American Railway Engineering Association

- Vol. 22. No. 227. July, 1920. 1. The relative merits of metal versus wooden ties. 16 p. 2. The leaching of zinc chloride from treated wood, by Ernest Bateman. 16 p.

Bulletin of the International Railway Association

- Vol. II. No. 5. May, 1920. 1. Note on the life, renewal and depreciation of permanent way material, by A. Perey. 27 p. 2. Traction on heavy gradient by means of auxiliary adhesion, by Ch. Dantin. 13 p.
- Vol. II. No. 6. June, 1920. 1. Stark engine terminal, Pennsylvania lines west. 11 p.
- Vol. II. No. 7. July, 1920. 1. Traffic and rates of the principal State railways of the world, from 1908 to 1912, by P. Kandaouroff. 2 p. 2. New regulations of the French ministry of public works for the calculation and testing of metallic bridges. 24 p. 3. Distribution of passengers by classes in France in the years preceeding the war. 7 p.
- Vol. II. No. 8. August, 1920. 1. The railroad terminal problem in its relation to city planning, by William J. Wilgus. 4 p. 2. Principles of correlation of railroad terminals with the city plan, by Chas. H. Cheney, & J. P. Newell. 3 p.

Bulletin of the Society for the Promotion of Engineering Education

- Vol. X. No. 10. June, 1920. 1. Report of committee No. 13, mechanical and hydraulics, by O. H. Basquin. 7 p.

Canadian Engineer

- Vol. 38. No. 24. June 10, 1920. 1. Canadian Good Roads Association's convention. 4½ p. 2. Asphaltic concrete pavements, by W. H. Connel. 1½ p. 3. Flowability of concrete and its measurement by means of the "flow-table," by G. M. Williams. 2½ p.
- Vol. 38. No. 25. June 17, 1920. 1. Sand washers of drifting sand filters, by William Gore. 4 p.
- Vol. 38. No. 26. June 24, 1920. 1. Canadian section of water works Association. 1½ p.
- Vol. 39. No. 1. July 1, 1920. 1. Standardization of water works supplies, by Adolph Mueller. 1½ p. 2. Concrete box culverts for railways, by L. E. Willmott. 3½ p.
- Vol. 39. No. 2. July 8, 1920. 1. Compressive strength of concrete in flexure, by W. A. Slater and R. R. Zipprodt. 5 p. 2. British engineering standards specifications now available. 2 p. 3. Prevention of water waste on railroads, by C. E. Knowles. 2 p. 4. Problem of metering public water supplies, by W. R. Edwards, G. A. Elliott and Seth M. Van Loan. 1 p.
- Vol. 39. No. 3. July 15, 1920. 1. Protection of river banks by mattresses, by E. P. Girdwood. 3 p. 2. Floating pile driver for 200 ft. reinforced concrete piles. ½ p. 3. Some characteristics of the Winnipeg aqueduct, by James H. Fuertes and W. G. Chace. 3 p.
- Vol. 39. No. 4. July 22, 1920. 1. Adjusting a highway bridge to its site. 2½ p. 2. Detroit-Windsor bridge may be built. 1 p.
- Vol. 39. No. 5. July 29, 1920. 1. Prest-o-Lite building of flat-slab construction. 5½ p. 2. Some difficulties arising between engineer and contractor, by Chas. H. Brower. 1½ p.
- Vol. 39. No. 6. August 5, 1920. 1. Toronto-Hamilton highway entrance to Hamilton. 2 p.
- Vol. 39. No. 7. August 12, 1920. 1. Bridges over Otonabee River at Peterborough, by F. H. Doffin. 1½ p. 2. Town planning reports and the graphic representation of statistics, by George B. Ford. 1½ p. 3. Economics of pumping station operation, by Leonard A. Day. 2½ p. 4. Distributing sewage over large area of filter bed. ½ p.
- Vol. 39. No. 8. August 19, 1920. 1. Some features of gravity retaining walls, by S. W. B. Black. 3 p. 2. Design of inverts for Winnipeg aqueduct, by James H. Fuertes. 3 p.
- Vol. 39. No. 9. August 26, 1920. 1. Foundations for King Edward Hotel, Toronto, by R. E. W. Hargry. 2 p. 2. Effect of sea water on concrete structures, by C. E. W. Dodwell. 1½ p.
- Vol. 39. No. 10. September 2, 1920. 1. New high level bridge at Rouge River, by A. Sedgwick. 2 p. 2. Planning compression test on concrete. 3 p.
- Vol. 39. No. 11. September 9, 1920. 1. Eaton's Winnipeg mail order building. 2 p. 2. Welland Ship Canal. 12 p. with large size plate.

- Vol. 39. No. 12. September 16, 1920. 1. Niagara development breaks efficiency records. 2 p.
2. Construction features of Niagara Falls Power Co.'s plant, by O. D. Dales. 2 p. 3. Progress on Queenston-Chippawa power canal. 5 p. 4. Design of Queenston-Chippawa power canal, by T. H. Hogg. 2 p.

Cassier's Engineering and Industrial Management

- Vol. 3. No. 25. June 17, 1920. 1. Conveying. 8 p.
Vol. 3. No. 26. June 24, 1920. 1. Scientific management, by H. Atkinson. 4 p.
Vol. 4. No. 1. July 1, 1920. 1. Scientific foundations of industry. 3 p. 2. Conveying. 8 p.
Vol. 4. No. 2. July 8, 1920. 1. Engineers and the metric system. 2 p.
Vol. 4. No. 3. July 15, 1920. 1. Conveying. 8 p.
Vol. 4. No. 4. July 22, 1920. 1. The manufacture of high-grade steel, by E. B. L. De Mare. 6 p.
Vol. 4. No. 5. July 29, 1920. 1. Scientific management; operation study, by Henry Atkinson. 4½ p. 2. Conveying. 8 p.
Vol. 4. No. 7. August 12, 1920. 1. Conveying. 8 p.
Vol. 4. No. 8. August 19, 1920. 1. Wire ropes: their uses and misuses. 1 p.
Vol. 4. No. 9. August 26, 1920. 1. Conveying. 8 p.
Vol. 4. No. 11. September 9, 1920. 1. Conveying. 8 p.

Electric Railway Journal

- Vol. 55. No. 26. June 26, 1920. 1. Cleveland's taylor grant—after ten years of trial. 5 p.
2. Condition of the electric railways. 4 p. 3. The electric railway engineer and the right-of-way. 3½ p. 4. Operating a 14 mile suburban line on a thirty-second headway. 2½ p.
Vol. 56. No. 4. July 24, 1920. 1. Detroit Muddles its traction service with politics. 6 p.
2. Motor bus transportation in the city of New York. 3½ p.
Vol. 56. No. 5. July 31, 1920. 1. Details of the new rapid transit line in Cleveland. 4 p.
2. The place of the bus.—VI. 10 p. 3. Analysis of the value of lubrication and lubricants. 4½ p.
Vol. 56. No. 6. August 7, 1920. 1. Swiss federal railways buys new electric locomotives. 4½ p.
Vol. 56. No. 7. August 14, 1920. 1. California and her traction systems—Part one, by Edward Hungerford. 5 p. 2. Rerouting and through-routing in Akron save \$60,000. 1½ p.
Vol. 56. No. 8. August 21, 1920. 1. Bonding in special locations, by G. H. McKelway. 4 p.
2. Testing of materials and composition of carbon brushes, by John S. Dean. 5 p.
Vol. 56. No. 10. September 4, 1920. 1. The new interurban railway system in Oklahoma. 4½ p. 2. Accidents lessened by safety cars. 3 p.
Vol. 56. No. 11. September 11, 1920. 1. California and her transportation systems—Part II. 4 p. 2. Electrification of the Prussian railways in Silesia. 3½ p.

Engineering

- Vol. CX. No. 2844. July 2, 1920. 1. On chain driving theory. 3 p. 2. The Lincoln works of Messrs. Ruston and Hornsby, Ltd. 5½ p.
Vol. CX. No. 2845. July 9, 1920. 1. The Lincoln works of Messrs. Ruston and Hornsby, Ltd. 3 p.
Vol. CX. No. 2846. July 16, 1920. 1. The works of Messrs. Robey and Co., Limited, at Lincoln. 7 p.

- Vol. CX. No. 2847. July 23, 1920. 1. Recent excavator practice, by F. H. Livens and W. Barnes. 5 p.
- Vol. CX. No. 2848. July 30, 1920. 1. Percolation wells in India. 2 p.
- Vol. CX. No. 2849. August 6, 1920. 1. Cavity wells in India. 1 p. 2. Recent machine tool developments. No. XIV. 3 p. 3. Tunnelling in the sand dunes of the Belgian Coast, by Captain H. Tatham. 1½ p.
- Vol. CX. No. 2850. August 13, 1920. 1. The Loughborough Technical College. 3 p. 2. 135-ft. wooden derrick crane jib. 1½ p.

Engineering News-Record

- Vol. 85. No. 2. July 8, 1920. 1. Structural design and ventilation of liberty tunnels. 2. Geology of New York City revealed in core boring exhibit, by M. E. Zipser.
- Vol. 85. No. 3. July 15, 1920. 1. Motor operation costs as affected by highway location and grade design—Part I, by Wilson G. Harger. 3 p. 2. Sectional floating drydock made continuous by interlocks. 2½ p. 3. First modern grain elevator in Australia. 5 p. 4. Concrete elevated-railway floor with precast form slabs. 2 p.
- Vol. 85. No. 4. July 22, 1920. 1. Sewer cost lowered by increasing concrete yardage in section, by Jhon P. Wentworth. 1 p. 2. New steamship piers on Staten Island are too narrow. 2½ p.
- Vol. 85. No. 5. July 29, 1920. 1. Deep pit rock excavation by dragline machines. 4 p. 2. The surface shrinkage of rapid filter sand beds, by Abel Wolman and Sheppard T. Powell. 7 p. 3. Uniform pressure on building foundation beds, by R. Fleming. 4 p.
- Vol. 85. No. 6. August 5, 1920. 1. Improvement work on river Murray in South Australia, by Robert C. Cutting. 3 p. 2. High-speed block-laying on Miami River levees. 1½ p.
- Vol. 85. No. 7. August 12, 1920. 1. Principles of channel improvement in Miami Valley flood protection. 6½ p. 2. Building the earth dams at the Bridgewater project, by Richard Pfaehler. 3 p. 3. Leaking subway station successfully grouted, by M. H. Freeman. 4½ p.
- Vol. 85. No. 8. August 19, 1920. 1. American contractors and labor conditions in France, by E. J. Mehren. 2 p. 2. The design of Cleveland's sewage-treatment works, by George B. Gascoigne. 5 p. 3. Trainshed roof of steel arches instead of columns. 3 p.
- Vol. 85. No. 9. August 26, 1920. 1. Concrete tanker built of separately cast cylinders. 5½ p. 2. French Government to regulate river Rhone, by Thorndike Sayille. 3½ p. 3. Building Big Edly dam on Spanish River, Ont. 3 p. 4. New transition curve based upon the Lemniscate, by J. E. Williams. 1½ p.
- Vol. 85. No. 10. September 2, 1920. 1. The surface shrinkage of rapid filter sand beds. 1 p. 2. A study of the venturi flume as a measuring device in open channels, by P. S. Wilson and C. A. Wright. 5½ p.
- Vol. 65. No. 11. September 9, 1920. 1. Hydraulic fill at the Miami conservancy dams. Part I, by C. S. Hill. 4½ p. 2. Grand central development seen as great civic center. 8 p. 3. Chicago bascule bridge—Design and operating features, by Hugh E. Young. 7 p.
- Vol. 85. No. 12. September 16, 1920. 1. Collapse of basin wall and roof at Toledo. 3 p. 2. Progress shown in water-supply practice, 1 p. 3. Hydraulic fill at the Miami conservancy dams. II, by C. S. Hill. 4 p. 4. Quays more economical than piers for comprehensive port, by F. T. Chambers. 2 p.

Engineering World

- Vol. 17. No. 1. July, 1920. 1. Effect of flood on Miami conservancy work. 4½ p. 2. River and harbor improvement at Philadelphia, by Col. W. B. Ladue. 1 p. 3. Concrete specifications for road construction, by A. N. Johnson. 1 p.
- Vol. 17. No. 2. August, 1920. 1. Great Lakes ports to the ocean through the St. Lawrence, by W. T. Christine. 3 p. 2. Snow Mountain dam on Eel River, by W. A. Scott. 2 p. 3. Equipment of Portland municipal grain elevator, by W. A. Scott. 3 p.

- Vol. 17. No. 3. September, 1920. 1. The building situation in Chicago, by W. T. Christine. 5 p. 2. Types of flume in Yakima Valley irrigation districts, by W. A. Scott. 3 p. 3. Chicago's new two-level marginal way, by James Roland Bibbins. 5 p. 4. Precast concrete roads the latest in Wyoming. 4 p. 5. Wood block paving in Chicago, by Walter Buehler. 5 p.

Highway Engineer and Contractor

- Vol. 3. No. 1. July, 1920. 1. Concrete highway construction on the old trails, by W. T. Christine. 6½ p.
- Vol. 3. No. 2. August, 1920. 1. Bituminous sandstone deposits in California, by W. A. Scott. 3½ p. 2. National highway systems, by A. R. Hirst. 6 p.
- Vol. 3. No. 3. September, 1920. 1. Concrete highway constructed in record time. 4 p. 2. New type of railway crossing constructed at Whiting, Ind. 2 p.

Journal of the New England Water Works Association

- Vol. XXXIV. No. 2. June, 1920. 1. Economy in pipe lines for small water systems, by E. D. Eldredge. 11 p. 2. The efficiency of pipe jointing compounds as compared with lead, by Fred O. Stevens. 12 p. 3. Description of motor-driven portable thawing machine mounted on truck, by Frank J. Gifford. 11 p.

Journal of the Western Society of Engineers

- Vol. XXV. No. 11. July 20, 1920. 1. The Packingtown waste problem, by Langdon Pearse. 9 p. 2. Regulation of street series lamps in practice on Milwaukee's system, by F. A. Vaughn. 30 p.
- Vol. XXV. No. 12. August 20, 1920. 1. City building and transportation, by J. R. Bibbins. 59 p.
- Vol. XXV. No. 13. September 5, 1920. 1. Hydraulics of the Chicago sanitary district's main channel, by Murray Blanchard. 54 p.

Le Génie Civil

- Tome LXXVII. No. 1. 3 Juillet 1920. 1. Les nouvelles installations de déchargement du port de Bordeaux, par Henry Martin. 8 p.
- Tome LXXVII. No. 2. 10 Juillet 1920. 1. Les nouvelles installations de déchargement du port de Bordeaux, par Henry Martin. 5½ p.
- Tome LXXVII. No. 3. 17 Juillet 1920. 1. La destruction et la restauration des charbonnages du Nord et du Pas-de-Calais, par Auguste Pawlowaki. 4½ p.
- Tome LXXVII. No. 4. 24 Juillet 1920. 1. Transport d'énergie électrique à 110,000 volts entre Gösgen (Suisse) et Pouxoux (Vosges), par P. Caufourier. 4 p. 2. La destruction et la restauration des charbonnages du Nord et du Pas-de-Calais, par Auguste Pawlowaki. 4½ p.
- Tome LXXVII. No. 5. 31 Juillet 1920. 1. Exploitation électrique des chemins de fer suburbains de Melbourne. 3 p. 2. L'achèvement de l'aqueduc des Pouilles (Italie méridionale). 4 p.
- Tome LXXVII. No. 6. 7 Août 1920. 1. L'achèvement de l'aqueduc des Pouilles (Italie méridionale). 5 p.
- Tome LXXVII. No. 9. 28 Août 1920. 1. L'aménagement hydraulique du bassin de la Dordogne et l'électrification du réseau de la Compagnie du Chemin de fer d'Orléans, par G. Tochon. 2 p.
- Tome LXXVII. No. 10. 4 Septembre 1920. 1. L'aménagement hydraulique du bassin de la Dordogne et l'électrification du réseau de la Compagnie du Chemin de fer d'Orléans, par G. Tochon. 3½ p.

Tome LXXVII. No. 11. 11 September 1920. 1. La construction des barrages en terre et en maçonnerie. 6½ p.

Public Works

- Vol. 49. No. 1.** July 13, 1920. 1. Designing new water supply works of Winnipeg, by James H. Fuertes. 4½ p. 2. American Water Works Association convention. 3 p. 3. Mechanical equipment for highway construction, by K. H. Talbot. 1½ p.
- Vol. 49. No. 2.** July 10, 1920. 1. Reconstructing East Main Street bridge, Rochester. 4½ p.
- Vol. 49. No. 3.** July 17, 1920. 1. Cumberland's concrete water supply main. 4 p.
- Vol. 49. No. 6.** August 7, 1920. 1. Devil's Gate Dam. 1 p. 2. Some small inhoff tanks. 5 p. 3. Street cleaning by municipal forces. 2½ p.
- Vol. 49. No. 7.** August 14, 1920. 1. State highway maintenance in New York. 3 p. 2. Hartford, New Jersey, sheet asphalt mixing plant. 3 p. 3. Constructing water works of Winnipeg. 3 p.
- Vol. 49. No. 8.** August 21, 1920. 1. Building a concrete roadway in Halves. 2 p. 2. Report on Milwaukee's water supply. 3½ p.
- Vol. 49. No. 9.** August 28, 1920. 1. Lining rock tunnels in New York. 2 p. 2. Relation of water resources to forestry. 3½ p.
- Vol. 49. No. 10.** September 4, 1920. 1. Excavating below arch bridge foundations. 3 p. 2. Water filtration experiments and devices. 3½ p. 3. Designing aqueduct of Winnipeg Water Works. 3 p.
- Vol. 49. No. 11.** September 11, 1920. 1. Flow of water in ditches. 2½ p. 2. Hydraulic fill construction of Huffman Dam. 2 p. 3. Designing aqueduct of Winnipeg Water Works. 2 p.
- Vol. 49. No. 12.** September 18, 1920. 1. Concrete lining for cast iron tunnel shells. 3 p. 2. Designing aqueduct of Winnipeg Water Works. 3 p.

Railway Age

- Vol. 69. No. 7.** August 13, 1920. 1. American railway supplies in South America, by John P. Risque. 3 p.
- Vol. 69. No. 8.** August 20, 1920. 1. American railway supplies in South America, by John P. Risque. 2½ p.
- Vol. 69. No. 11.** September 10, 1920. 1. Novel falsework method used on New Haven bridge. 5½ p.

Railway Maintenance Engineer

- Vol. 16. No. 9.** September, 1920. 1. Recent advances in concrete practice. 2 p. 2. A. E. A. Committee reports on substitute ties. 3 p. 3. Recent highway crossing construction. 3 p.

Railway Review

- Vol. 67. No. 9.** August 28, 1920. 1. The ideal engine terminal. 3½ p.
- Vol. 67. No. 10.** September 4, 1920. 1. Up-to-date engine terminal management. 12 p.

Schweizerische Bauzeitung

- Band LXXXV. No. 26.** 26. Juni 1920. 1. Die Absenkung des Davosersees. Von H. Roth. 2 p.

- Band LXXVI. No. 1. 3. Juli 1920. 1. Die 100000 PS-Wasserkraftanlage Gubavica bei Duare, Dalmatien. Von P. Zigerli. 3 p.
- Band LXXVI. No. 2. 10. Juli 1920. 1. Die 100000 PS-Wasserkraftanlage Gubavica bei Duare, Dalmatien. Von P. Zigerli. 4½ p.
- Band LXXVI. No. 3. 17. Juli 1920. 1. Die 100000 PS-Wasserkraftanlage Gubavica bei Duare, Dalmatien. Von P. Zigerli. 3½ p.
- Band LXXVI. No. 4. 24. Juli 1920. 1. Die 100000 PS-Wasserkraftanlage Gubavica bei Duare, Dalmatien. Von P. Zigerli. 3½ p.
- Band LXXVI. No. 5. 31. Juli 1920. 1. Umschnürte Betonsäulen mit Steinkernen. Von F. Emperger. 3 p.
- Band LXXVI. No. 6. 7. August 1920. 1. Conduite forcée en beton armé des Usines hydro-électriques de Rioupéroux. Par M. A. Waechter. 2½ p.
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